

That which is claimed is:

12. A Liquid Crystal Display (LCD) panel having LCD-modules with a plurality of picture elements (pixels), a control circuit, and a backlight apparatus, the control circuit
5 in communication with the pixels, the backlight apparatus configured to backlight the control circuit, the LCD panel comprising:

a first edge zone and a second edge zone defined on at least a first and a second LCD-module, the control circuit disposed about the first edge zone, the first edge zone of the first LCD-module interposed between the backlight apparatus and the second edge
10 zone of the second LCD-module, the first edge zone of the first LCD-module spaced apart from the second edge zone of the second LCD-module at a distance configured to accommodate a light device for shadow reduction.

13. The LCD panel of claim 12, wherein the light device is an overlap illuminating element.

14. The LCD panel of claim 13, wherein the overlap illuminating element is configured
15 to illuminate the second edge zone of the second LCD-module to reduce shadows caused by the backlight apparatus backlighting the control circuit disposed on the first edge zone of the first LCD-module.

15. The LCD panel of claim 13, wherein the overlap illuminating element is selected
20 from the group consisting of a micro-LED (Light Emitting Diode), an organic LED, a Light Emitting polymer (LEP), a cold cathode fluorescent lighting and combinations thereof.

16. The LCD panel of claim 13, wherein the overlap illuminating element is a cold cathode fluorescent lighting.

17. The LCD panel of Claim 13, further comprising an electrical supply in
25 communication with the overlap illuminating element.

18. The LCD panel of claim 17, wherein the electrical supply is first transparent ribbon conductor.

19. The LCD panel of claim 12, wherein the light device is a light deflector configured
30 to change a direction of light.

20. The LCD panel of claim 19, wherein the light deflector is selected from the group consisting of a film, a microstructure film, a hologram film, a microprism, a Fresnel lens, and combinations thereof.

5 21. The LCD panel of claim 12, wherein the control circuit is disposed on a transparent carrier material proximate the first edge zone of the first LCD-module.

22. The LCD panel of claim 12, wherein the control circuit is embedded in a transparent matrix.

10 23. The LCD panel of claim 12, wherein the control circuit is a plurality of control circuits, at least one of the plurality of control circuits disposed on a transparent carrier material proximate the first edge zone of the first LCD-module, and at least another of the plurality of control circuits disposed on another transparent carrier material proximate the first edge zone of the second LCD-module.

15 24. The LCD panel of claim 12, further comprising a second transparent ribbon conductor, the second transparent ribbon conductor in electrical communication between the control circuit and a control apparatus.

25. The LCD panel of claim 12, further comprising a polarization filter disposed about the pixels.

26. The LCD panel of claim 12, further comprising a display plane, the first and second edge zone of the LCD-modules substantially coplanar in the display plane.

20 27. The LCD panel of claim 12, wherein at least one of the LCD-modules is substantially square-shaped, the first and second edge zones disposed on opposite sides of the at least one square-shaped LCD-module.

25 28. The LCD panel of claim 12, wherein at least one of the LCD-modules is substantially rectangular-shaped, the first and second edge zones disposed on opposite sides of the at least one rectangular-shaped LCD-module.

29. A liquid crystal display (LCD) panel having at least two LCD-modules disposed coplanar in a plane with a plurality of picture elements (pixels) therein, at least one control circuit, and a backlight apparatus, the LCD panel comprising:

30 a first edge zone and a second edge zone defined on each of the LCD-modules, the first edge zone of a first LCD-module spaced apart from the second edge zone of a second LCD-module such that a lighting device is interposable between the first edge

interposable between the first edge zone of one of the LCD-modules spaced apart from the second edge zone of another of the LCD-modules,

5 wherein the at least one control circuit is disposed proximate the first edge zone in a transparent matrix, the backlight apparatus configured to backlight the at least one control circuit, the lighting device configured to redirect light to reduce shadowing caused by the backlight apparatus in cooperation with the at least one control circuit.

30. The LCD panel of claim 29, wherein the lighting device is an overlap illuminating element.

10 31. The LCD panel of claim 30, wherein the overlap illuminating element is selected from the group consisting of a micro-LED (Light Emitting Diode), an organic LED, a Light Emitting polymer (LEP), a cold cathode fluorescent lighting and combinations thereof.

32. The LCD panel of claim 30, wherein the overlap illuminating element is a cold cathode fluorescent lighting.

15 33. The LCD panel of claim 29, wherein the lighting device is a light deflector configured change a direction of light.

34. The LCD panel of claim 33, wherein the light deflector is selected from the group consisting of a film, a microstructure film, a hologram film, a microprism, a Fresnel lens, and combinations thereof.

20 35. The LCD panel of claim 29, further comprising a display plane, the first and second edge zone of the LCD-modules substantially coplanar in the display plane.